

**Self vs. Nonself: Modes of Organismal Recognition and Defense
The 1995 Graduate Student Symposium**

Friday, April 28, 1995

5:00 pm - Dinner

6:30-7:30 pm - **Keynote Address:** Philippa Marrack, National Jewish Center for Immunology and Respiratory Medicine, Denver, CO. *Self vs. Nonself*

Session I: Discriminating Within a Species

7:30-8:30 pm - June Nasrallah, Cornell University, Ithaca, NY. *Self vs. Nonself in Species Propagation: Plant Self-Incompatibility.*

8:30-9:30 pm - Gary Beauchamp, Monell Chemical Senses Center, Philadelphia, PA. *The Effect of MHC Genotype on Mating Behavior in Mice.*

9:30 pm - Reception - Koenig Alumni Center

Saturday, April 29, 1995

7:30-8:00 am - Breakfast

Session II: Discriminating Between Species

8:00-9:00 am - Elisabeth Raleigh, New England Biolabs, Beverly, MA. *A Molecular Passport: DNA Modification and Restriction in E. coli.*

9:00-10:00 am - Gregory Martin, Purdue University, West Lafayette, IN. *Pathogen Recognition and Disease Resistance in Tomato.*

10:00-10:30 am - Coffee Break

10:30-11:30 am - Christopher Bayne, Oregon State University, Corvallis, OR. *Non-Self Recognition in the Non-Lymphoid World (of Metazoan Animals).*

11:30-12:30 pm - Lunch

Session III: Vertebrate Defense Mechanisms

12:30-1:30 pm - Hans Boman, Stockholm University, Stockholm, Sweden. *Peptide Antibiotics: One of the Holy Grails of Immunology.*

1:30-2:30 pm - Ellen Meier, National Institute of Neurological Disorders and Stroke, Bethesda, MD. *The Mx Genes and Host Resistance to Viral Pathogens.*

2:30-5:30 pm - Explore Boulder

5:30-7:00 pm - Dinner with Students

Session III (Continued): Vertebrate Defense Mechanisms

7:30-8:30 pm - Gary Litman, University of South Florida, St. Petersburg, FL. *The Phylogenetic Origin of Mechanisms that Diversify Humoral and Cellular Immune Responses.*

8:30-9:30 pm - David Nemazee, National Jewish Center for Immunology and Respiratory Medicine, Denver, CO. *B Lymphocyte Self-Tolerance.*

9:30 pm - Party - Porter Biosciences Room 121

Sunday, April 30, 1995

8:00-8:30 am - Breakfast

Session I (Reprise): Discriminating Within a Species

8:30-9:30 am - Irving Weissman, Stanford University Medical Center, Palo Alto, CA. *Recognition of Self in Protochordates: The Fu/HC Locus in Tunicates*

Session IV: Vertebrate Immune Recognition and Defense: It's not as simple as you thought

9:30-10:30 am - John Kappler, National Jewish Center for Immunology and Respiratory Medicine, Denver, CO. *The T-Cell Receptor Interaction with Superantigens.*

10:30-11:00 am - Coffee Break

11:00-12:00 pm - Barbara Finck, ALZA Corporation, Palo Alto, CA. *Treatment of Murine Lupus with CTLA4^{1g}-Fusion Protein.*

12:00-1:00 pm - Cecilia Cheng-Mayer, Aaron Diamond AIDS Research Center, New York, NY. *A Possible Mechanism of Evasion of the Immune System: HIV Variations.*

1:00 pm - Lunch